which has had a successful start under the guidance of Mr. W. C. Rose, its first President. A Home Industries Institute has been established and is working under the direction of the Chairman of the Education Committee.

Units of Work

46. In order that economic activities may be organised uniformly and on a more systematic basis, a scheme has been prepared under which the State is divided into 100 unit areas, consisting of the several taluks, the two cities of Mysore and Bangalore and certain important towns. The taluk units were required to select places and persons for carrying on individual items of work. Arrangements on these lines have been completed in respect of 62 units and steps are being taken to bring the remaining units shortly under the operation of the scheme.

7.—Technical Departments.

Public Works.

47. The total expenditure on public works from all sources, including local funds, amounted to about Rs. 66½ lakhs during the year as against Rs. 70¼ lakhs in the preceding year. This expenditure is made up of Rs. 39¼ lakhs on ordinary public and local fund works and Rs. 27¼ lakhs on the Cauvery Reservoir and channels.

Storage Works.

48. The Cauvery Reservoir dam has now risen to a height of 60 feet in the river bed and 75 feet at the flanks. The storage available at present is sufficient to guarantee the supply of 9,321 electric H.P. to the Kolar Gold Mines under the first three installations and of about 5,000 H.P. under the fourth installation. As a result of the construction of the dam an additional revenue of Rs. 5,69,800 has been secured, partly on account of the higher rates charged for electric power in view of the guaranteed supply, and partly on account of additional supply of power made available with the aid of the reservoir. An annual expenditure of about Rs. 50,000 for conservancy operations in connection with the power works has been saved and the development of sugar cane cultivation under the existing canals has been rendered possible. The outlay on the construction of the dam

during the year was Rs. 20,93,170, the total expenditure up to the end of June 1916 being Rs. 92,39,373.

49. The investigations into the loss of capacity of major tanks due to silting are proceeding. Measures for the scientific regulation and economic distribution of water have been introduced under eight selected tanks, one in each district, with results which are reported to be satisfactory.

50. In the workshop of the Public Works Department at Bangalore, a beginning was made during the year in the manufacture of agricultural implements and machinery for industrial concerns. *The Workshop.*

Electrical Department.

51. The fourth installation of the Cauvery Power Scheme, designed to meet the additional requirements of the mining companies under the new agreement, was completed during the year. Interruptions in the power and lighting service have been minimised by the erection of new overhead wires along the transmission line. To meet the growing demand for the supply of power, an estimate amounting to Rs. 3,63,188 for a fifth installation was sanctioned during the year for a 4,000 H.P. unit at Sivasamudram. When this work is completed, the total output of power will be 22,650 H.P.

52. The capital outlay on the Cauvery Power Scheme during the year amounted to Rs. 3,37,100 and the total outlay inclusive of the expenditure on the fourth installation, to end of June 1916, aggregated Rs. 1,06,87,000 in round figures. The gross earnings amounted to Rs. 24,28,100 against Rs. 18,58,300 during 1914-15 showing an increase of Rs. 5,69,800 which, as already stated, is due to the fact that the supply of power to the mines has been increased and guaranteed as a result of the construction of the Cauvery Reservoir. The working expenses, including a sum of Rs. 2,98,200 credited to the depreciation fund, amounted to Rs. 7,21,000. The balance which amounts to Rs. 11,37,200 (excluding the portion of the revenue due to the Reservoir) represents a return of 10·64 per cent on the outlay as against 14·29 in the previous year.

Railway Department.

53. The year's results of the working of the State lines by the Madras and Southern Mahratta Railway